

# Converting Colors

Hex(4597A3)

Have a look what the booklet for  
Hex(4597A3) contains.

<b>Hex(4597A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4597A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4597A3
RGB	69, 151, 163
RGB Percent	27%, 59%, 64%
CMY	0.7294, 0.4078, 0.3608
CMYK	0.58, 0.07, 0.00, 0.36
HSL	188°, 41%, 45%
HSV	188°, 58%, 64%
XYZ	20.1317, 26.0428, 38.6160
YIQ	127.8500, -52.7240, -13.6520

# Conversions

## Conversions Part 2

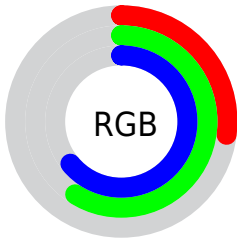
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 113, 163
Decimal	4560803
CIE Lab	58.08, -21.25, -13.85
CIE LCh	58, 25.367, 213.087
Yxy	26.0428, 0.2374, 0.3071
Android (android.graphics.Color)	4282750883 (0xFF4597A3)
YUV	127.8500, 17.3290, -51.6114
Hunter-Lab	51.0321, -18.8896, -9.1423

# Details

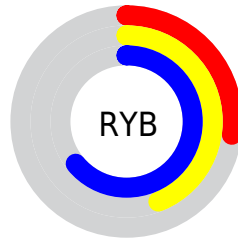
The Hex color **4597A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A35145**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7ECDDA**, and **00646F** is the 20% darker color. If you saturate the color by 10%, you get **3595A3**, and if you desaturate by 10%, it is **5599A3**.

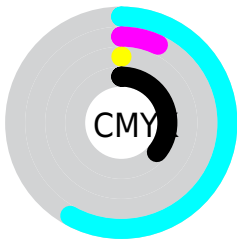
# Distribution



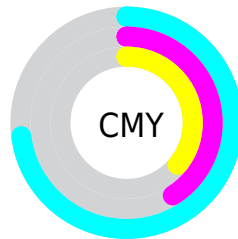
- Red (27%)
- Green (59%)
- Blue (64%)



- Red (27%)
- Yellow (44%)
- Blue (64%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (41%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4597A3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4597A3 by changing the saturation by 10% instead.



4597A3

4597A3

FFFFFF

257D89

7ECDDA

00646F

9AEAF6

004C57

B6FFFF

003540

D3FFFF

00202A

F1FFFF

000116

000000

4597A3

4597A3

3595A3

5599A3

■ 2493A3

■ 669BA3

■ 1491A3

■ 769DA3

■ 048FA3

■ 869FA3

■ 008EA3

■ 96A1A3

■ A7A3A3

■ B7A6A3

■ C7A8A3

■ D8AAA3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50988D



4597A3



5493B3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4597A3



AA7EA0



998B5F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4597A3



A35145

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AC8365



4597A3



B77B8A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4597A3



9285B1



B77D74



819266

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4597A3



678FB7



B77D74



A08860



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4597A3



B0CFD4



45A350



56686B



EBEBEB



6B6B6B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4597A3



42C1D4



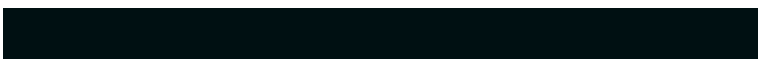
4569A3



495152



007F91



001012



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A34597



D442C1



A37F45



524951



91007F

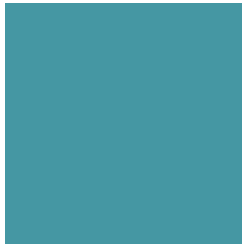


120010



# Previews

## White Background



This preview shows how the Hex color 4597A3 looks on a white background.

## Color Contrast Check

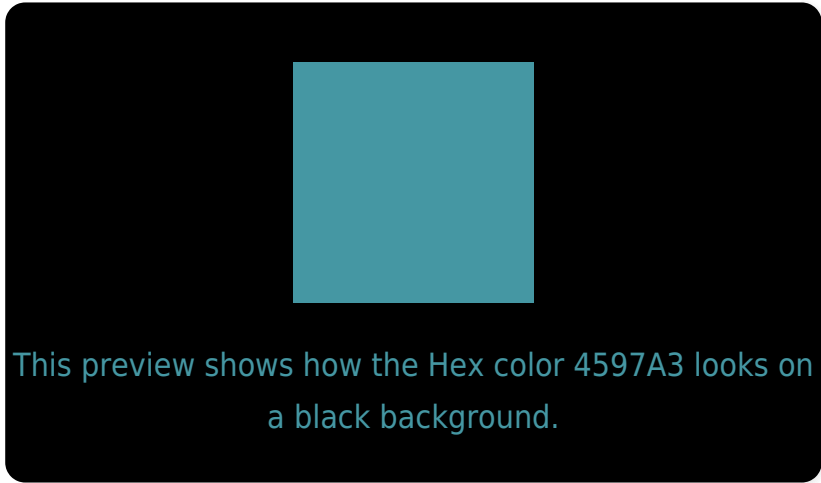
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

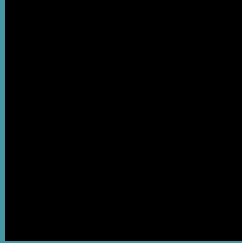
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4597A3 Background



This preview shows how black text looks on a background with the Hex color 4597A3.

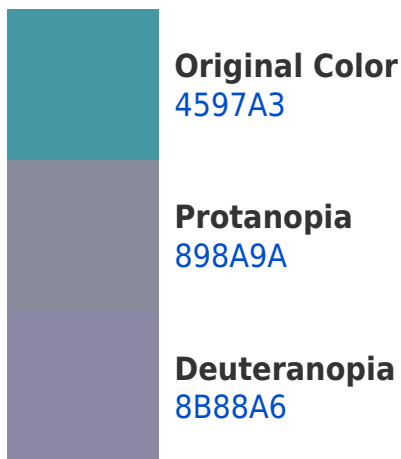


This preview shows how white text looks on a background with the Hex color 4597A3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

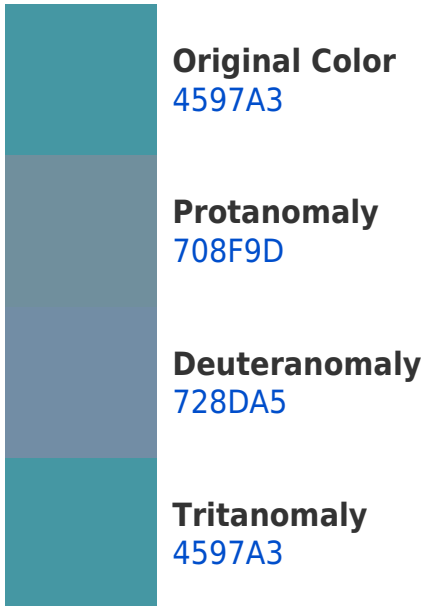
## Dichromacy



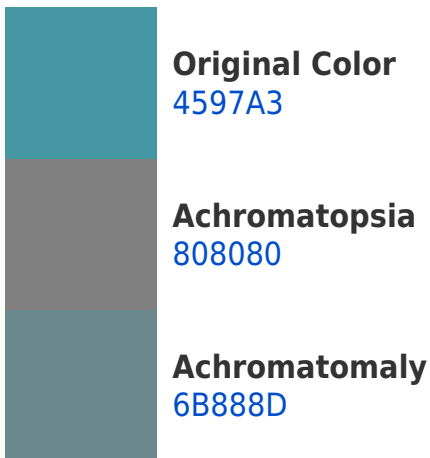


**Tritanopia**  
4597A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4597A3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4597A3 looks like.

```
.text, #text, p{  
    color:#4597A3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4597A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4597A3
}
```

## Border

The CSS property to change the border of an element to Hex 4597A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4597A3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4597A3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4597A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4597A3; -webkit-box-shadow:4px 4px  
4px 4px #4597A3; box-shadow:4px 4px 4px  
4px #4597A3 }
```

# Background

The CSS property to change the background color of an element to Hex 4597A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4597A3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4597A3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor